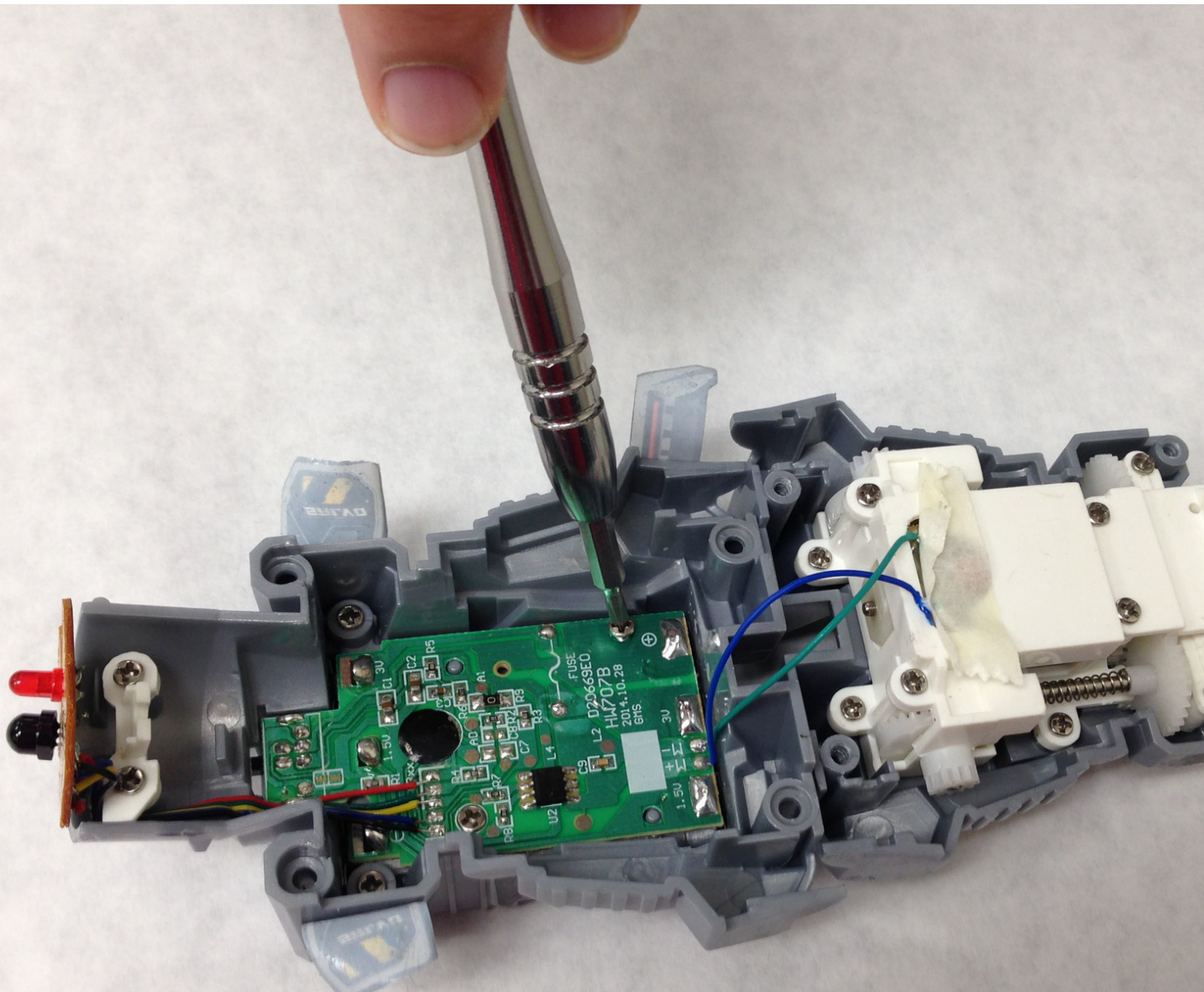




Air Hog Smash Bots Motherboard Replacement

This guide allows you to replace the motherboard of the the Air Hog Smash Bots.

Written By: Brittany Frecker



INTRODUCTION

This guide allows you to replace the motherboard of the Smash Bot. A soldering iron will need to be used for this, directions on how to solder can be found [here](#).



TOOLS:

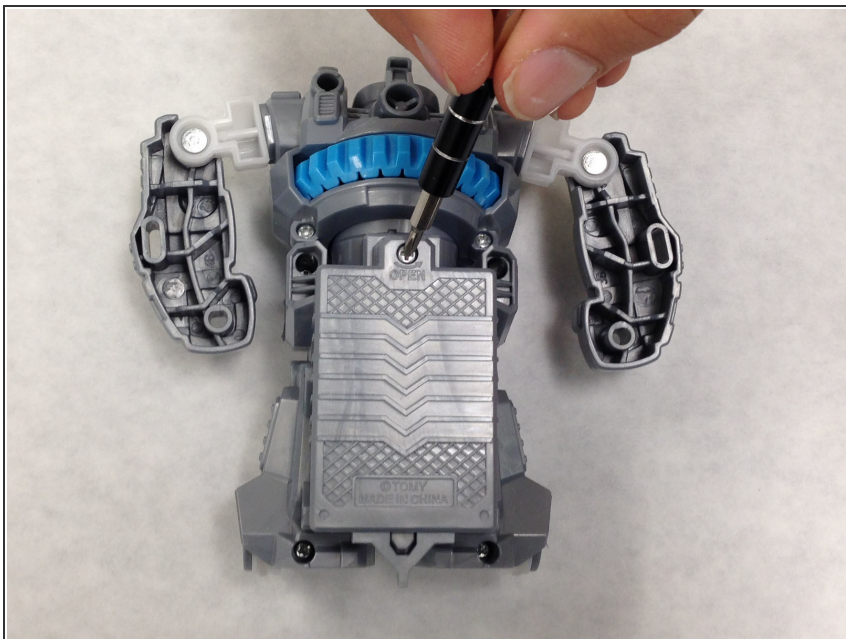
- [Spudger](#) (1)
- [Soldering Station](#) (1)
- [Heavy-Duty Spudger](#) (1)
- [Phillips #0 Screwdriver](#) (1)



PARTS:

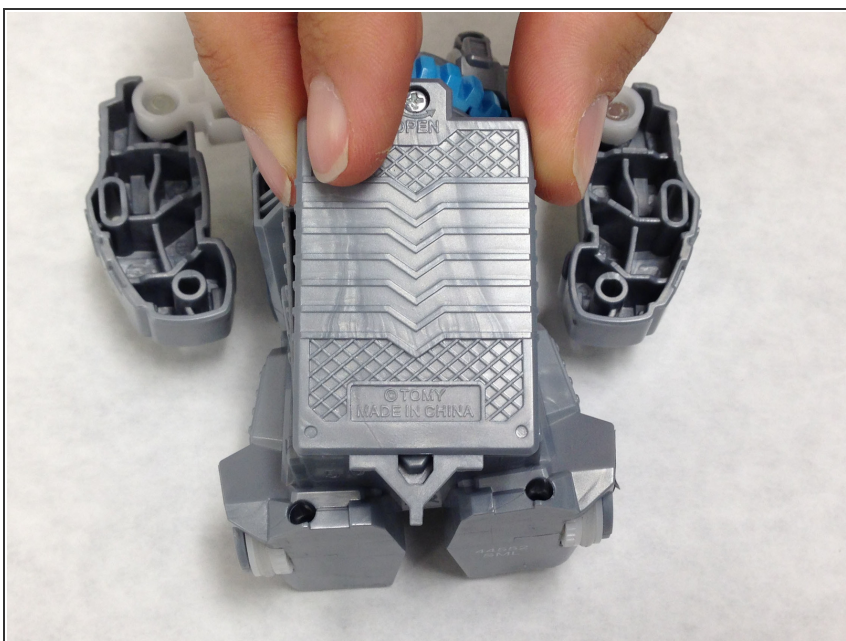
- [Air Hogs Smash Bots Motherboard](#) (1)

Step 1 — Batteries



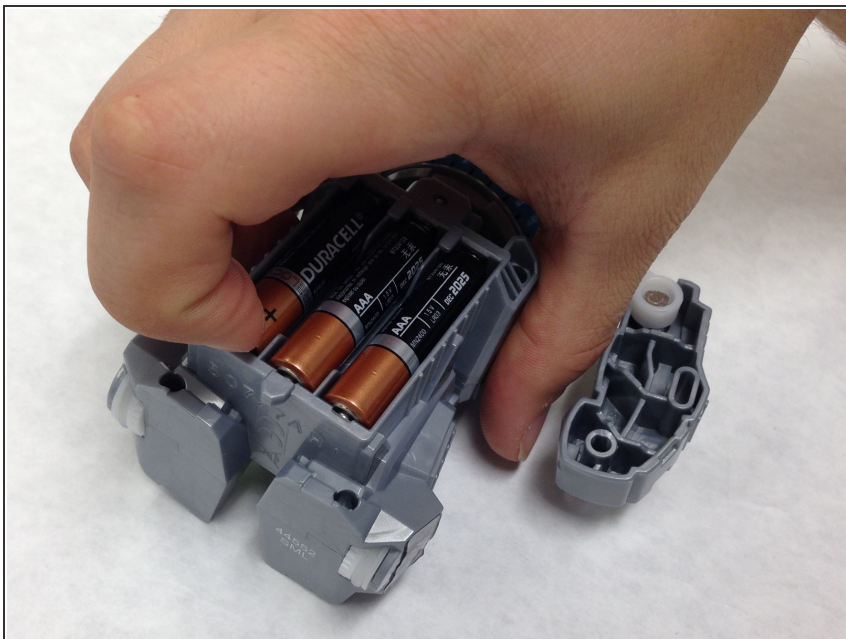
- Using the Phillips #0 screwdriver to remove the 8 mm screw.

Step 2



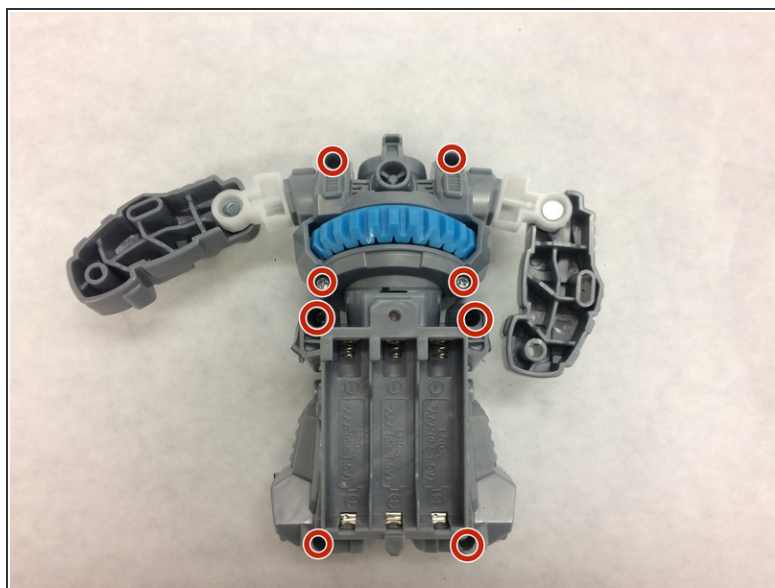
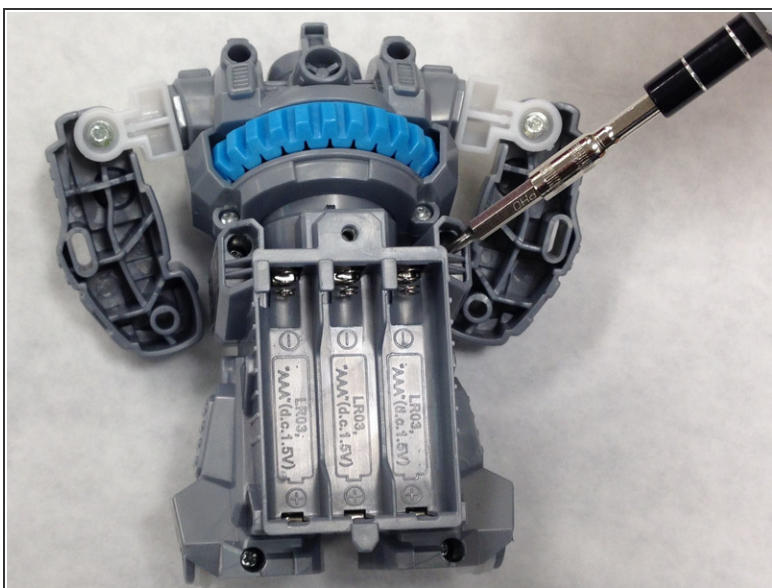
- Lift and slide the batter cover away from the tab holding it in place at the bottom.

Step 3



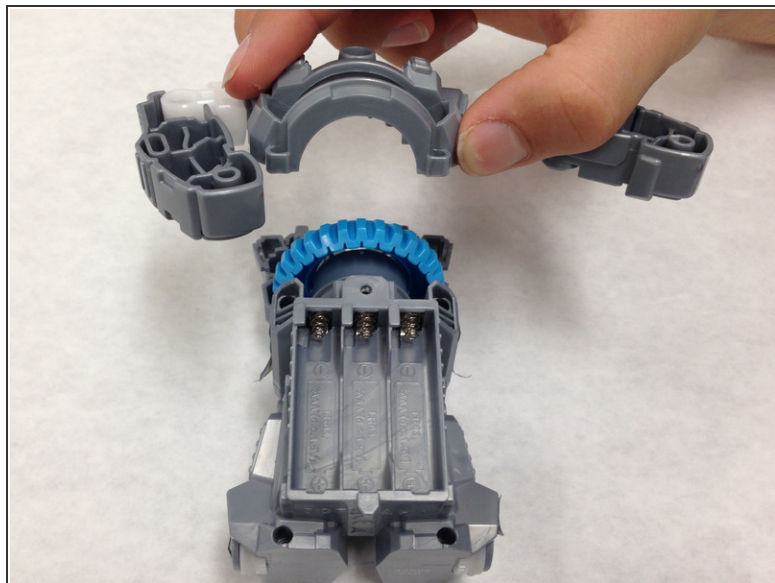
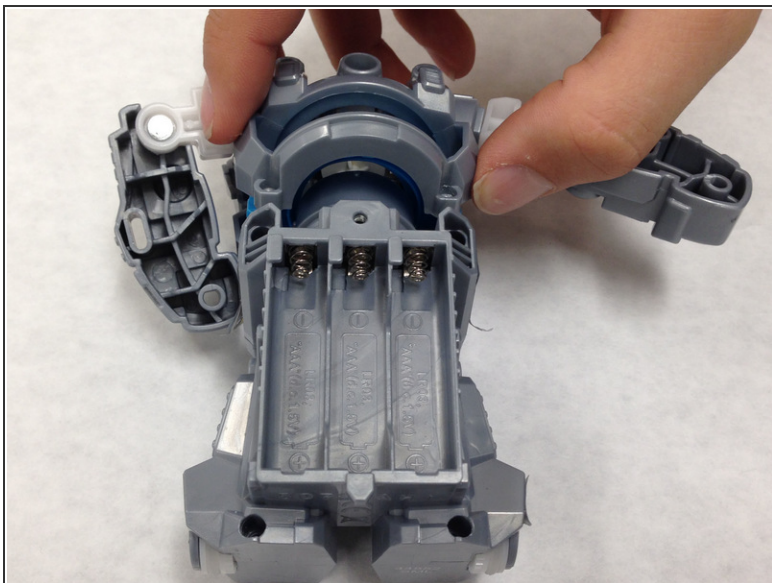
- Remove the 3 AAA batteries.

Step 4 — External Casing



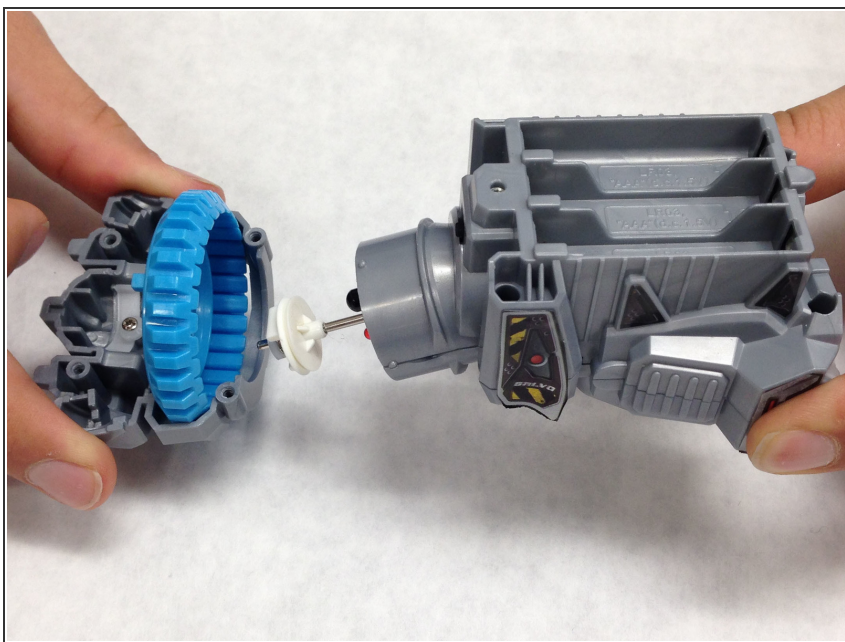
- Using a Phillip #0 screwdriver to remove the eight 8 mm screws.

Step 5



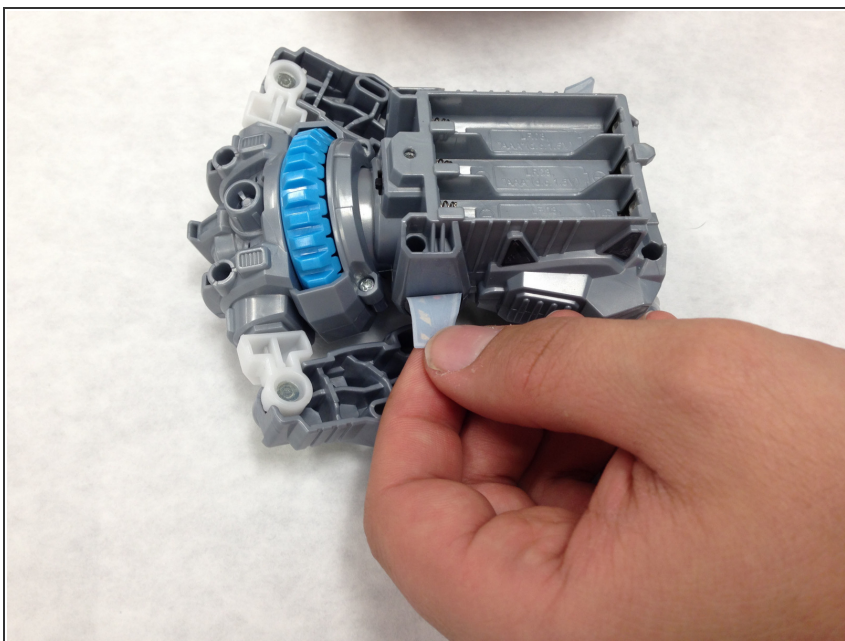
- Remove the upper armor of the Smash Bot.

Step 6



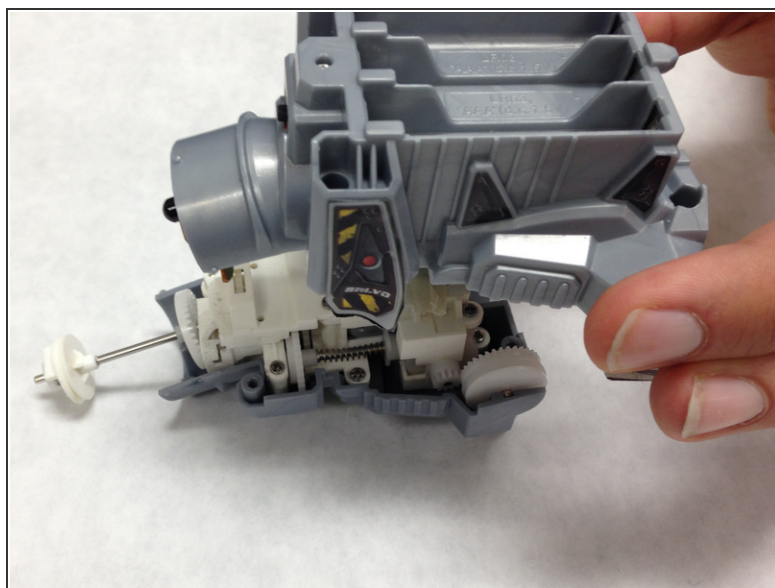
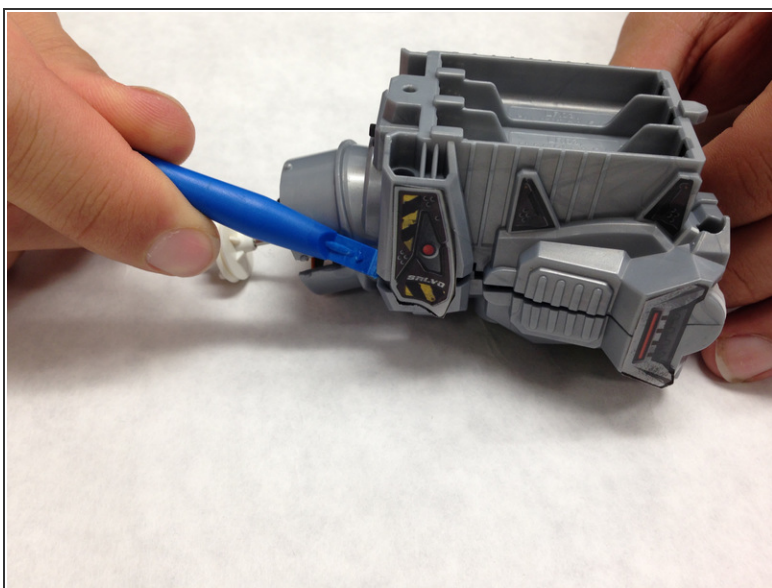
- Hold the upper body and slide out the bottom half of the Smash Bot.
- ⓘ The motor extends from the lower-body into the upper-body. Be careful to not damage the motor.

Step 7



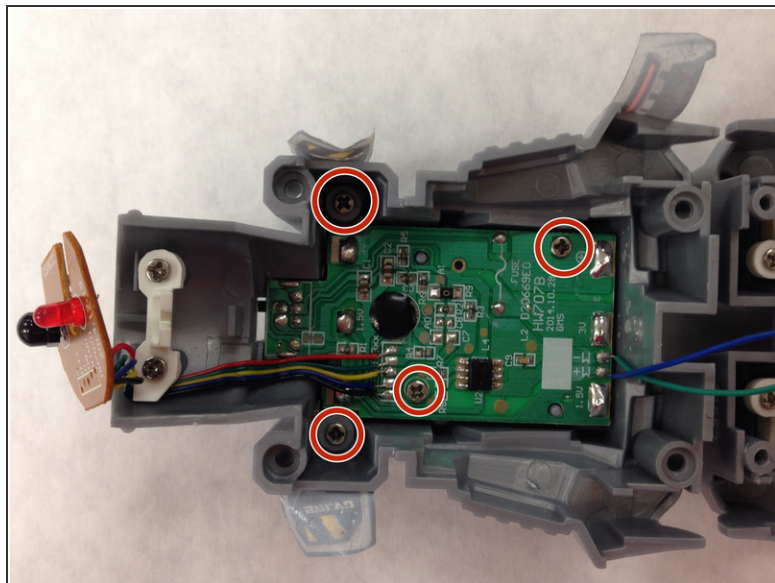
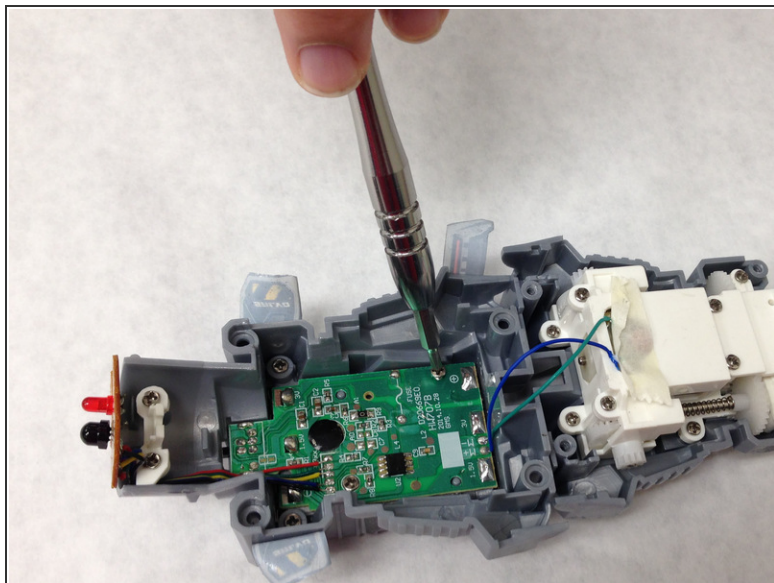
- Peel back the four decal stickers that hold the front and back of the bot together.

Step 8



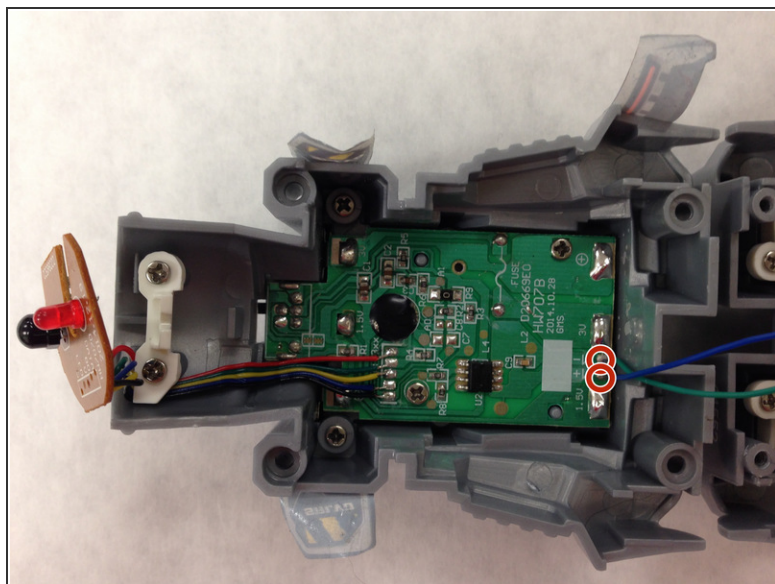
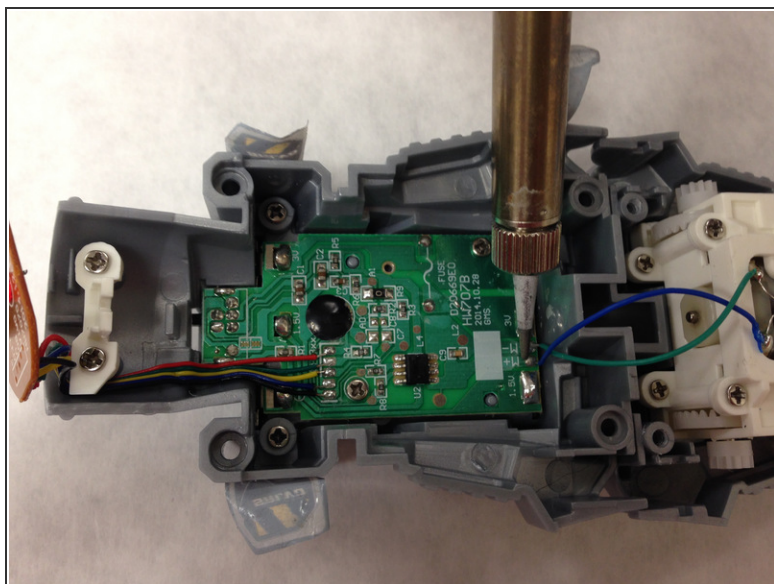
- Use the plastic opening tool to pry the front and back of the lower body apart.
- Carefully remove the back of the bot from the front.

Step 9 — Motherboard



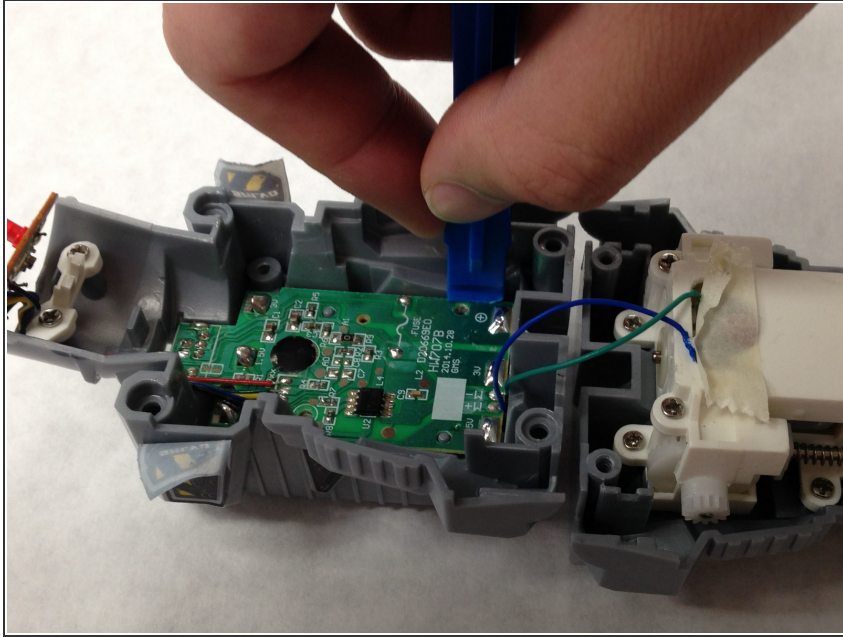
- Remove four 4.75mm screws from the motherboard.

Step 10



- Use the soldering iron to remove the two wires from the motherboard. Directions on how to solder can be found [here](#).

Step 11



- Use the spudger to pry the motherboard away from the robot.

To reassemble your device, follow these instructions in reverse order.

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